

conductor.--

IN THE CLAIMS:

Please replace Claims 1-3 and 5-12 with the following.

Sub C1 1. (Amended) An electrical connector comprising a connector body including a tubular socket configured to receive an electrical conductor, clamping means arranged to secure the electrical conductor within the socket, and a socket insert fitting within the tubular socket so as to reduce the effective size of the socket, wherein the socket insert is tubular and is adapted to be deformed by the clamping means into retaining engagement with the electrical conductor.

2. (Amended) A connector as claimed in Claim 1, wherein the socket insert is aluminum.

Sub C2 3. (Amended) A connector as claimed in Claim 1, wherein the socket insert has at least one of a castellated or corrugated profile.

AS 5. (Amended) A connector as claimed in Claim 1, wherein an internal surface of the tubular socket insert has at least one of serrations or tooth-like formations.

6. (Amended) A connector as claimed in Claim 1, wherein the socket is a bore of substantially circular cross-section.

Sub B1 7. (Amended) A connector as claimed in Claim 1, wherein the clamping means comprises at least one clamping bolt held in respective threaded bores in the connector body such that the at least one clamping bolt extends into the socket so as to

AS concluded
p1
clamp, via the socket insert, a connector inserted in the socket against an opposing surface of the socket.

8. (Amended) A connector as claimed in Claim 7, wherein the the at least one clamping bolt includes a shearable head that shears off when a torque applied to the at shearable head exceeds a predetermined value.

Sub 13
9. (Amended) A socket insert for an electrical connector having a socket in which, in use, an electrical conductor is received; the socket insert comprising a tubular and deformable member having a at least one of a castellated or corrugated profile.

10. (Amended) A socket insert as claimed in Claim 9 wherein the socket insert comprises aluminum.

Sub 4
11. (Amended) A socket insert as claimed in Claim 9 wherein the socket insert has a castellated profile.

12. (Amended) A socket insert as claimed in Claim 9, wherein an internal surface of the tubular socket insert includes at least one of serrations or tooth-like formations.

Please add the following new claims.

A6
13. (New) An electrical connector comprising:
a connector body defining a socket therein;
a clamping member coupled to the connector body adapted to secure an electrical conductor within the socket; and
a socket insert positioned within the socket adjacent the clamping member, the socket insert being configured to be deformed by the clamping

member into retaining engagement with the electrical conductor within the socket.

14. (New) The electrical connector of Claim 13 wherein the socket insert is substantially tubular.

Subc 5 15. (New) The electrical connector of Claim 14 wherein the socket insert has a castellated profile.

16. (New) The electrical connector of Claim 14 wherein the socket insert has a corrugated profile.

17. (New) The electrical connector of Claim 14 wherein the electrical conductor is received within the tubular socket insert to position the socket insert between the clamping member and the electrical connector and between an opposing surface of the socket relative to the clamping member and the electrical conductor.

18. (New) The electrical connector of Claim 17 wherein an internal surface of the socket insert includes at least one of serrations or tooth-like formations.

19. (New) The electrical connector of Claim 13 wherein the socket insert comprises aluminum.

20. (New) The electrical connector of Claim 13 wherein the clamping member comprises at least one bolt, the at least one bolt being positioned in a threaded bore in the connector body.

Subcl 21. (New) A socket insert for an electrical connector, the socket insert comprising a tubular member configured to be positioned within the electrical connector and to be deformed by a clamping member of the electrical connector into retaining engagement with an electrical conductor within the electrical connector.

22. (New) An electrical connector comprising:
a connector body defining a socket therein;
a clamping member coupled to the connector body adapted to secure an electrical conductor within the socket;
a substantially tubular socket insert positioned within the socket adjacent the clamping member, the socket insert being configured to be deformed by the clamping member into retaining engagement with the electrical conductor within the socket; and
wherein the electrical conductor is received within the tubular socket insert to position the socket insert between the clamping member and the electrical connector and between an opposing surface of the socket relative to the clamping member and the electrical conductor.

Subcl 23. (New) The electrical connector of Claim 23 wherein the socket insert has at least one of a castellated or corrugated profile.